

AMENDMENTS TO THE ABSTRACT

SIMPLIFIED AUTOMATIC TYRE DEMOUNTING DEVICE, AND TYRE REMOVAL  
MACHINES EQUIPPED THEREWITH

ABSTRACT

Automatic device for demounting a tyre from the relative wheel rim, comprising, for supporting the having rotary apparatus which supports a wheel rim complete with tyre, and tyre. —~~rotary means~~The rotary apparatus is associated with a frame which supports a demounting tool and is. The demounting tool is associated with ~~means enabling it~~ ~~to~~apparatus that can be positioned in a ~~tyre~~tire bead seeking and gripping position ~~in which it is perpendicular to the axis~~ or ~~orientated where the axis of the demounting tool is parallel~~ to that of the frame or the demounting tool is rotated in a first direction towards the centre of the wheel rim, and ~~in a~~ ~~position positioned~~ for extracting said ~~tyre~~tire bead from the wheel rim in which it is perpendicular to the axis of the demounting tool is parallel to that of the frame or the demounting tool is orientated in the opposite ~~rotated in a~~ direction ~~opposite to the first direction~~, said tool positioning means comprising a bar, to the end of which said tool is hinged in an intermediate position, and a connecting rod which at one end is hinged to one end of said tool, and at

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the opposite end is connected to said bar by a lever linkage,  
said bar being connected to means for advancing it and  
withdrawing it.

Attachment: Replacement Abstract